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Attorney's Docket No.: 06618- US1/CIT-2749-C-CIP-US

JC05 Rec'd PCT/PTO 11 MAY 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ara Chutjian et al.
Serial No.: Not yet assigned
Filed : May 11, 2005
Title : CHEMICAL SENSOR SYSTEM

Art Unit: Unknown
Examiner: Unknown

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

This filing is being made before the receipt of a first Office action on the merits. No fee is required.

Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the

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Examiner's initials in the left column per MPEP 609 are

earnestly solicited along with an early action on the merits.

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Respectfully submitted,

Date: 5/11/05



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Sheet 1 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06618-882US1	Application No. Not yet assigned
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Ara Chutjian, Murray R. Darrach	
		Filing Date May 11, 2005	Group Art Unit Unknown

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,374,828	Dec 20, 1994	Boumsellek et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	Cohen, M., et al., "Effects of Azimuthal and Radial Angular Spread on E-beam Focusing Characteristics in the Presence of Space-charge Forces", <i>SPIE</i> , Vol. 2013, pp. 24-42 (1993).
	AR	Edgcombe, C.J., "Sources of Velocity Spread in Electron Beams from Magnetron Injection Guns", <i>International Journal of Infrared and Millimeter Waves</i> , 16(1):83-97 (1995).
	AS	Herrmannsfeldt, W.B., "Developments in Electron Gun Simulation", SLAC-PUB-6498, 26 pages, May 1994.
	AT	Herrmannsfeldt, W.B., "Electron Trajectory Program", Report 1979, SLAC-226, 119 pages (1979).
	AU	Ishihara, M., et al., "A New Ray Tracing Code 'ELECTRA'", <i>Nuclear Instruments and Methods in Physics Research</i> , Vol. B70, pp. 445-450 (1992).
Examiner Signature		Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Substitute Disclosure Form (PTO-1449)

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Sheet 2 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06618-882US1	Application No. Not yet assigned
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		Filing Date May 11, 2005	Group Art Unit Unknown
(37 CFR §1.98(b))			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AV	Ko, K., et al., "Modeling Accelerator Structures and RF Components", <i>AIP Conf. Proc.</i> , Vol. 297, pp. 1-8 (1994).
	AW	Munro, E., "Computer Programs for the Design and Optimization of Electron and Ion Beam Lithography Systems", <i>Nuclear Instruments and Methods in Physics Research</i> , Vol. A258, pp. 443-461 (1987).
	AX	Ong, V., et al., "Why are Electron Capture Negative Ion Mass Spectra Not Reproducible? An Ion Source Problem", <i>J. of the Am. Soc. for Mass Spectrometry</i> , Vol. 4, pp. 270-277 (1993).
	AY	Shakun, N.G., et al., "A System of Programs for the Evaluation of Charged Particle Trajectories in Electric and Magnetic Fields", <i>Izvestiya po Khimiya</i> , 22(3/4):584-585 (1989).
	AZ	Tanabe, T., et al., "Computer Simulations on RIKEN Sub-millimeter FEL", <i>Reza Kagaku Kenkyu</i> , Vol. 16, pp. 25-28 (1994).

Examiner Signature	Date Considered
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